

## S E R V I C E N O T E

SUPERSEDES: None

**8751A Network Analyzer**

**Serial Numbers:** 0000J00000 / 3123J00500  
0000A00000 / 3123A00114

Duplicate Service Notes: None

**Modification to fix the intermittent lock up/PRESET operation**

To Be Performed By: Agilent-Qualified Personnel

**Parts Required:**

Part No.	Qty	Description
08751-69551	1	A51 GSP Re-built Assembly

**Situation:**

8751As may intermittently lock up, or perform unexpected PRESET operations suddenly, if a X'tal OSC (pn 1813-0484) is used at A51U42 on the 8751A A51 GSP board.

This will be caused by the A51U42 X'tal OSC which does not oscillate properly.

The X'tal OSC at A51U42 has been changed to an X'tal OSC (pn 1813-0865) to solve the problem. All A51 boards currently supplied for replacement has the new X'tal OSC at A51U42.

*Continued*

DATE: 16 December 1991

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.0 hrs	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		RESPONSIBLE ENTITY: 3355 UNTIL: 16 December 1993
AUTHOR: MT	ENTITY: 3301		ADDITIONAL INFORMATION:

**Solution/Action:**

Perform the following procedure to check if the X'tal OSC (pn 1813-0484) is used at A51U41. If the X'tal OSC (pn 1813-0484) is used, replace the A51 board with new one.

1. Remove the top cover from the 8751A.
2. Remove two screws restraining a plate over the A51 assembly, and remove the plate.
3. Disconnect all cables from the A51 assembly.
4. Remove A51 assembly from the 8751A.
5. Check if "1813-0484" is tagged on the A51U42 X'tal OSC component as shown in Figure 1. If it's written, replace the A51 board.

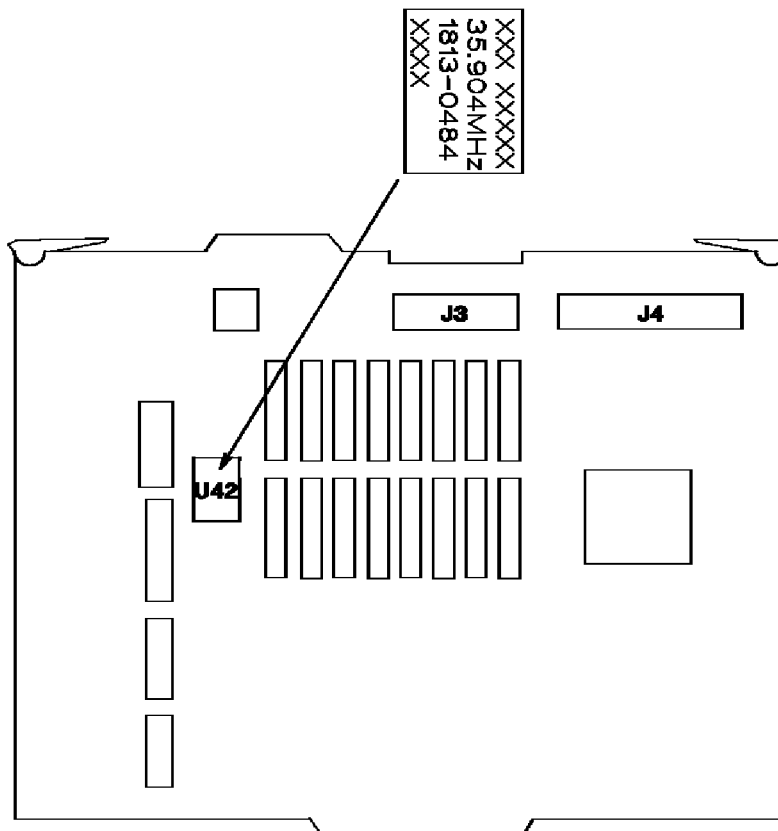


Figure 1. A51U42 Location

6. Reassemble the 8751A.
7. After the A51 assembly is replaced, perform the display background adjustment.  
The adjustment procedure is provided in Chapter 2 of the 8751A Service Manual (pn 08751-90031). No performance test is required after the A51 replacement.